

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Xiaopeng Chen et al.	Art Unit : 2618
Serial No. : 10/762,153	Examiner : Sanh D. Phu
Filed : January 20, 2004	Conf. No. : 4951
Title : METHOD AND APPARATUS FOR REDUCING ECHO AND CROSSTALK IN A COMMUNICATION SYSTEM	

Commissioner for Patents
Washington, D.C. 20231

DECLARATION UNDER 37 CFR § 1.131

I, Runsheng He, hereby declare as follows:

1. I am a co-inventor of the subject matter claimed in U.S. Application No. 10/762,153 ("the '153 application").
2. I understand that U.S. Pub No. 2005/0088961 by Jose Tellado, titled "METHOD AND APPARATUS FOR DOMAIN TRANSFORMATION MULTIPLE SIGNAL PROCESSING ("the '961 application"), has been cited as prior art against the '153 application. That in an Office Action dated February 27, 2007, all claims were rejected under 35 U.S.C. § 102(e) as being anticipated by the '961 application, or as being unpatentable over the '961 application in combination with one or more other references.
3. The '961 application was originally filed on October 28, 2003.
4. Prior to October 28, 2003, the invention which is the subject matter of the '153 was conceived and reduced to practice. We conceived of our invention claimed in the '153 application in the United States prior to the filing date of the '961 application.
5. That, in support as evidence showing our invention being made prior to October 28, 2003, the attached EXHIBITS A, B and C are submitted herewith.

CERTIFICATE OF MAILING BY EFS-WEB FILING

I hereby certify that this paper was filed with the United States Patent and Trademark Office using the EFS-WEB system on this date.

August 27, 2007

6. That EXHIBIT A is a letter sent prior to October 28, 2003 from the assignee of the '153 application to a local patent counsel requesting the preparation of the '153 application, which shows that we were diligent in further developing our invention, preparing an invention disclosure statement, submitting the invention disclosure statement, meeting with and providing assistance to the patent counsel in preparing and filing the above-captioned patent application from a time prior to the filing date of '961 application until the January 20, 2004 filing date of the '153 application.

7. That EXHIBIT B shows a block diagram of a transceiver that includes an Echo canceller and a NEXT canceller conceived by us prior to October 28, 2003.

8. That EXHIBIT C shows a block diagram of an alternative transceiver that includes an Echo canceller and a NEXT canceller to remove high voltage response conceived by us prior to October 28, 2003.

9. I hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the instant application or any patents issued thereon.

Dated: 08/27/2007


RUNSHENG HE



October 7, 2003

Via Facsimile 650-839-5071
Confirmation Via Federal Express
 Mark D. Kirkland
 Fish & Richardson
 500 Arguello Street, Suite 500
 Redwood City, CA 94063-5111

Re: New U.S. Patent Application: Mixed Mode Echo
 Our Docket No.: MP0417
 Your Reference No.:
 Requirements: Prepare new patent application
 Marvell Target Date: December 1, 2003

Dear Mark:

We would like you to prepare a patent application directed to the above-identified invention by no later than December 1, 2003. Please find enclosed documents describing the invention along with a videotape of an invention disclosure interview.

The inventorship information is as follows:

Inventor	Citizenship	Address	City	State	Zip	Country
Chen, Xiaopeng	CN	928 Bonneville Way	Sunnyvale	CA	94087	US
He, Runsheng	CN	874 Pecan Ct.	Sunnyvale	CA	94087	US

Please review the enclosed materials and before proceeding please provide your estimate as to cost and schedule.

EXHIBIT A

Mark D. Kirkland
October 7, 2003
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Please also prepare a declaration and assignments as follows.

☒ Inventor(s) to Marvell Semiconductor Inc.

☒ Marvell Semiconductor Inc. to Marvell International, Ltd.

The final deliverables will include an electronic version and a claim tree.

Please do not hesitate to contact me if you have any questions.

With warmest regards.

Very truly yours,


Eric Jangsky
General Patent Counsel

on behalf of:

EBJ:ajg

Enclosures: Invention documents (Confirmation Copy)
Video Tape (Confirmation Copy)

EXHIBIT A

ECHO EXT. CANCELLATION

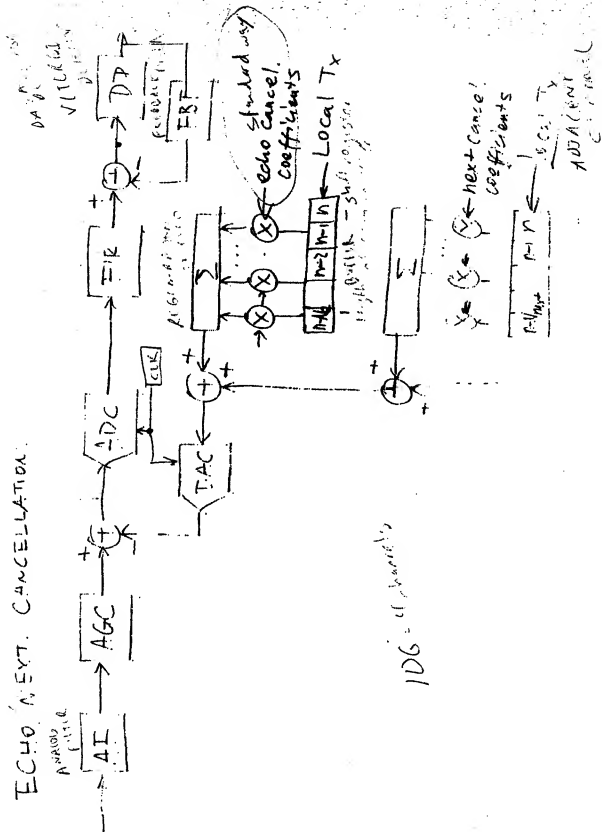


EXHIBIT C